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3	3	5617564.URPN.	USPAT	2004/08/03 11:42
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30	321	717/140.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:55
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**expanding inline execution code outside of the program**

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Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [next](#)Relevance scale ☐ ☐ ☐ ☐ ☐**1** [An interactive high-level debugger for control-flow optimized programs](#)

Polle T. Zellweger

March 1983 **Proceedings of the symposium on High-level debugging**, Volume 18 , 8 Issue 8 , 4Full text available: [pdf\(1.10 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#)

The transformations performed by an optimizing compiler have traditionally impeded interactive debugging in source language terms. A prototype system called Navigator has been developed for debugging optimized programs written in Cedar, an Algol-like language. Navigator can be used to monitor program execution flow in the presence of two optimizations: inline procedure expansion and cross-jumping (merging identical tails of code paths that join). This paper describes the problems that these two ...

**2** [Practicing JUDO: Java under dynamic optimizations](#)

Michał Cierniak, Guei-Yuan Lueh, James M. Stichnoth

May 2000 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 2000 conference on Programming language design and implementation**, Volume 35 Issue 5Full text available: [pdf\(190.06 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A high-performance implementation of a Java Virtual Machine (JVM) consists of efficient implementation of Just-In-Time (JIT) compilation, exception handling, synchronization mechanism, and garbage collection (GC). These components are tightly coupled to achieve high performance. In this paper, we present some static and dynamic techniques implemented in the JIT compilation and exception handling of the Microprocessor Research Lab Virtual Machine (MRL VM), ...

**3** [Compiler transformations for high-performance computing](#)

David F. Bacon, Susan L. Graham, Oliver J. Sharp

December 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 4Full text available: [pdf\(6.32 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

In the last three decades a large number of compiler transformations for optimizing programs have been implemented. Most optimizations for uniprocessors reduce the number of instructions executed by the program using transformations based on the analysis of scalar quantities and data-flow techniques. In contrast, optimizations for high-performance superscalar, vector, and parallel processors maximize parallelism and memory locality with transformations that rely on tracking the properties of ...

**Keywords:** compilation, dependence analysis, locality, multiprocessors, optimization, parallelism, superscalar processors, vectorization

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expanding execution code outside of program

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### [doc] Techniques for Ensuring Well-Bounded Program Execution Times with ...

File Format: Microsoft Word 2000 - [View as HTML](#)

... and decreasing the tightness, resulting in **code** that can ... that it can reliably account for **execution** on a ... **Expanding WCET** to Account for Variation in Hardware ...

[www.cs.umd.edu/honors/reports/wjhun/WCET-With-Unknowns.doc](http://www.cs.umd.edu/honors/reports/wjhun/WCET-With-Unknowns.doc) - [Similar pages](#)

### Building Applications: Examining program data values

... You can view the details of the array by **expanding** it. ... Resetting the **execution** point. Once you've modified **code**, you might want to reset the **execution** point (you ...

[info.borland.com/techpubs/jbuilder/jbuilder8/bajb/debug4.html](http://info.borland.com/techpubs/jbuilder/jbuilder8/bajb/debug4.html) - 29k - [Cached](#) - [Similar pages](#)

### Hello World Servlet

... line, the entire web module, **expanding** all the ... body>), type the following HTML **code**:

Activate the ... **Execution** will activate the following URL: <http://localhost> ...

[www.cs.wcupa.edu/~rkline/gradjava/hello\\_servlet.html](http://www.cs.wcupa.edu/~rkline/gradjava/hello_servlet.html) - 11k - [Cached](#) - [Similar pages](#)

### [Chapter 1] 1.5 Types of Packages

... Instead, Oracle has exposed that **code** – invariably structured ... processes in order to **execute** those chunks ... such mind- and functionality-**expanding** new resources. ...

[www.hk8.org/old\\_web/oracle/advprog/ch01\\_05.htm](http://www.hk8.org/old_web/oracle/advprog/ch01_05.htm) - 20k - [Cached](#) - [Similar pages](#)

### Handling Exceptions : Handling Exceptions with CATCH and THROW

... SCL continues **expanding** the scope of its search until it ... catch NESub; ...**code** to process ... DO group where the exception was thrown, then **execution** continues with ...

[gsbwww.uchicago.edu/computing/research/SASManual/sclr/z1273927.htm](http://gsbwww.uchicago.edu/computing/research/SASManual/sclr/z1273927.htm) - 15k - [Cached](#) - [Similar pages](#)

### 4 Three Views into Parallel Execution

... StormWatch that provides an overview of the entire **program execution**. ... source by eliding files or **expanding** and reducing ... To read the source **code**, a text browser ...

[www.cs.wisc.edu/~chilimbi/paper/StormWatch\\_SC95\\_6.html](http://www.cs.wisc.edu/~chilimbi/paper/StormWatch_SC95_6.html) - 12k - [Cached](#) - [Similar pages](#)

### Expanding Symmetric Multiprocessor Capability Through Gang ...

**Expanding Symmetric Multiprocessor Capability Through Gang Scheduling**. ... Warren, and the ALE3D **code** group were ... a **program** during its **execution** \*/ bzero(&my\_job\_id ...

[www.llnl.gov/asci/pse\\_trial/dec\\_gang.ipps98.html](http://www.llnl.gov/asci/pse_trial/dec_gang.ipps98.html) - 51k - [Cached](#) - [Similar pages](#)

### WOW ActiveX Control

... for cool DHTML effects, such as the **expanding/collapsing** nodes ... VB or C++ **program** that are **outside** the scope ... that are themselves able to **execute code**, you have ...

[www.eztools-software.com/wowctl.htm](http://www.eztools-software.com/wowctl.htm) - 36k - [Cached](#) - [Similar pages](#)

### [PDF] 1 SECTION I SOCIAL SERVICES FUNCTION PROGRAM CODE DESCRIPTION 09 ...

File Format: PDF/Adobe Acrobat

... that are directed towards enhancing, **expanding** or supporting ... **CODE** 1581 FOSTER FAMILY LICENSING - TRAINING Includes ... term training provided by **outside** agencies;

[www.dss.ca/hwnet.gov/getinfo/cfl\\_Code/ProgCodeDescriptions.PDF](http://www.dss.ca/hwnet.gov/getinfo/cfl_Code/ProgCodeDescriptions.PDF) - [Similar pages](#)

### How to program in Java - encyclopedia article about How to program ...

... refer to: computer networks. or to the activity of **expanding** and maintaining: ... the first systems to provide wide support for the **execution** of **code** from remote ...

[encyclopedia.thefreedictionary.com/How%20to%20program%20in%20Java](http://encyclopedia.thefreedictionary.com/How%20to%20program%20in%20Java) - 72k - [Cached](#) - [Similar pages](#)


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### Definition of C Plus Plus - wordIQ Dictionary & Encyclopedia

... The compiler generates **code** to examine the object's type ... The run-time determination and **execution** of a ... org, for example, is greatly **expanding** C++'s functional ...

[www.wordiq.com/definition/C\\_Plus\\_Plus](http://www.wordiq.com/definition/C_Plus_Plus) - 48k - [Cached](#) - [Similar pages](#)

### Destroying Objects and Preprocessing and the Java Language

... Understand that **expanding** a macro inline is not always a ... global" boolean variable Debug.DEBUG , and the **execution** of the ... If you compile this **code**, and then say ...

[java.sun.com/developer/JDCTechTips/2003/tt0408.html](http://java.sun.com/developer/JDCTechTips/2003/tt0408.html) - 33k - Aug 1, 2004 - [Cached](#) - [Similar pages](#)

### MAR94 Code Capsules

... the line to see if any other macros need **expanding**. ... resolved and a **program** image is made ready for **execution**. ... as a template, as in the following **code**; now the ...

[www.freshsources.com/199400A4.HTM](http://www.freshsources.com/199400A4.HTM) - 42k - [Cached](#) - [Similar pages](#)

### Optimizing HP aC++ Programs

... level 2 and disable **code-expanding** optimizations, use: ... xo yo Create optimized **code** with instrumentation ... Profile-based optimization stores **execution** profile data ...

[www.physics.ifu.se/aCCdoc/optimize.htm](http://www.physics.ifu.se/aCCdoc/optimize.htm) - 23k - [Cached](#) - [Similar pages](#)

### gcc.info -- Optimize Options

... is used to keep the compiler from **expanding** any functions ... to reorder instructions to eliminate **execution** stalls due to ... We're very interested in **code** that runs ...

[www.cse.ohio-state.edu/cgi-bin/info/info/gcc/Optimize%20Options](http://www.cse.ohio-state.edu/cgi-bin/info/info/gcc/Optimize%20Options) - 25k - [Cached](#) - [Similar pages](#)

### UTA - Jari's Emacs Elisp code guidelines

... Your return value is the form to be **executed instead**. ... there's one significant shortcoming of the macro variant: **code** compiled with ... 10.6 **Expanding** macros [toc]. ...

[mirror.ncsa.uiuc.edu/procmail/ssjaaa/ema-code.html](http://mirror.ncsa.uiuc.edu/procmail/ssjaaa/ema-code.html) - 101k - [Cached](#) - [Similar pages](#)

### Code Optimization: Common Subexpression Elimination

... within a loop which can be moved **outside** of the ... of the original loop body, and then **execute** it only a ... reduce the loop overhead without **expanding code** size too ...

[ccs.cs.oberlin.edu/faculty/jdonalds/331/lecture34.html](http://ccs.cs.oberlin.edu/faculty/jdonalds/331/lecture34.html) - 17k - [Cached](#) - [Similar pages](#)

### A Handbook on Writing Better C Programs with GNU CC

... used to keep the compiler from **expanding** any functions ... to reorder instructions to eliminate **execution** stalls due ... the structure of loops within the source **code**. ...

[www.kernelthread.com/publications/faq/optimize.html](http://www.kernelthread.com/publications/faq/optimize.html) - 49k - [Cached](#) - [Similar pages](#)

### Chapter 10 -- The Visual J++ Compiler

... a thread that wants to **execute** a synchronized ... not support very sophisticated transformations of generated **code**. ... **Expanding** a project shows the files that make ...

[www.tutorialbox.com/tutors/J++/ch10.htm](http://www.tutorialbox.com/tutors/J++/ch10.htm) - 46k - [Cached](#) - [Similar pages](#)

### Info Node

... is used to keep the compiler from **expanding** any functions ... fprofile-arcs' exits it saves arc **execution** counts to a ... so you must use the same source **code** and the ...

[www.cs.utexas.edu/users/UTCS/online-docs/info2html/info2html.cgi?\(gcc\)Optimize+Options](http://www.cs.utexas.edu/users/UTCS/online-docs/info2html/info2html.cgi?(gcc)Optimize+Options) - 32k - [Cached](#) - [Similar pages](#)